

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 09/891,5/7A

Source: IFw/6

Date Processed by STIC: 6/28/05

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 06/28/2005

PATENT APPLICATION: US/09/891,517A

TIME: 09:24:06

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06282005\I891517A.raw

5 <110> APPLICANT: KURANE, RYUICHIRO  
 7 KANAGAWA, TAKAHIRO  
 9 KAMAGATA, YOICHI  
 11 TORIMURA, MASAKI  
 13 KURATA, SHINYA  
 15 YAMADA, KAZUTAKA  
 17 YOKOMAKU, TOYOKAZU  
 21 <120> TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING  
 CONCENTRATIONS OF  
 22 NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA OBTAINED BY THE  
 23 METHOD  
 27 <130> FILE REFERENCE: 210352US-1994-163-0-X  
 31 <140> CURRENT APPLICATION NUMBER: US 09/891517A  
 33 <141> CURRENT FILING DATE: 2001-06-27  
 37 <150> PRIOR APPLICATION NUMBER: JP2000-193133  
 39 <151> PRIOR FILING DATE: 2000-06-27  
 43 <150> PRIOR APPLICATION NUMBER: JP2000-236115  
 45 <151> PRIOR FILING DATE: 2000-08-03  
 49 <150> PRIOR APPLICATION NUMBER: JP2000-292483  
 51 <151> PRIOR FILING DATE: 2000-09-26  
 55 <160> NUMBER OF SEQ ID NOS: 112  
 59 <170> SOFTWARE: PatentIn version 3.1  
 63 <210> SEQ ID NO: 1  
 65 <211> LENGTH: 15  
 67 <212> TYPE: DNA  
 69 <213> ORGANISM: Artificial Sequence  
 73 <220> FEATURE:  
 75 <223> OTHER INFORMATION: Synthetic DNA  
 77 <400> SEQUENCE: 1  
 78 ggggggaaaa aaaaa 15  
 81 <210> SEQ ID NO: 2  
 83 <211> LENGTH: 15  
 85 <212> TYPE: DNA  
 87 <213> ORGANISM: Artificial Sequence  
 91 <220> FEATURE:  
 93 <223> OTHER INFORMATION: Synthetic DNA  
 95 <400> SEQUENCE: 2  
 96 ttttttttttc ccccc 15  
 99 <210> SEQ ID NO: 3  
 101 <211> LENGTH: 17  
 103 <212> TYPE: DNA  
 105 <213> ORGANISM: Artificial Sequence  
 109 <220> FEATURE:  
 111 <223> OTHER INFORMATION: Synthetic DNA

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113 <400> SEQUENCE: 3
114 ctgcctcccg taggagt 17
117 <210> SEQ ID NO: 4
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121 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
129 <223> OTHER INFORMATION: Synthetic DNA
131 <400> SEQUENCE: 4
132 cccacatcgt tttgtctggg 20
135 <210> SEQ ID NO: 5
137 <211> LENGTH: 30
139 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
147 <223> OTHER INFORMATION: Synthetic DNA
149 <400> SEQUENCE: 5
150 atatatatatt tttttgtttt tttttttttt 30
153 <210> SEQ ID NO: 6
155 <211> LENGTH: 30
157 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
165 <223> OTHER INFORMATION: Synthetic DNA
167 <400> SEQUENCE: 6
168 atatatatatt tttttgttt tttttttttt 30
171 <210> SEQ ID NO: 7
173 <211> LENGTH: 30
175 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
183 <223> OTHER INFORMATION: Synthetic DNA
185 <400> SEQUENCE: 7
186 atatatatatt tttttttgtt tttttttttt 30
189 <210> SEQ ID NO: 8
191 <211> LENGTH: 30
193 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
201 <223> OTHER INFORMATION: Synthetic DNA
203 <400> SEQUENCE: 8
204 atatatatatt ttttttttgt tttttttttt 30
207 <210> SEQ ID NO: 9
209 <211> LENGTH: 30
211 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
219 <223> OTHER INFORMATION: Synthetic DNA
221 <400> SEQUENCE: 9

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222 atatatatattt ttttttctttt ttttttttttt      30
225 <210> SEQ ID NO: 10
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229 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
237 <223> OTHER INFORMATION: Synthetic DNA
239 <400> SEQUENCE: 10
240 atatatatattt ttttttctttt ttttttttttt      30
243 <210> SEQ ID NO: 11
245 <211> LENGTH: 30
247 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
255 <223> OTHER INFORMATION: Synthetic DNA
257 <400> SEQUENCE: 11
258 atatatatattt tttttttcttt ttttttttttt      30
261 <210> SEQ ID NO: 12
263 <211> LENGTH: 30
265 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
273 <223> OTHER INFORMATION: Synthetic DNA
275 <400> SEQUENCE: 12
276 atatatatattt ttttttttctt ttttttttttt      30
279 <210> SEQ ID NO: 13
281 <211> LENGTH: 30
283 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
291 <223> OTHER INFORMATION: Synthetic DNA
293 <400> SEQUENCE: 13
294 atatatatattt ttttttttttc ttttttttttt      30
297 <210> SEQ ID NO: 14
299 <211> LENGTH: 18
301 <212> TYPE: DNA
303 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
309 <223> OTHER INFORMATION: Synthetic DNA
311 <400> SEQUENCE: 14
312 aacaaaaaaaa atatatat      18
315 <210> SEQ ID NO: 15
317 <211> LENGTH: 18
319 <212> TYPE: DNA
321 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
327 <223> OTHER INFORMATION: Synthetic DNA
329 <400> SEQUENCE: 15
330 aacaaaaaaaa atatatat      18

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Input Set : A:\pto.da.txt

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333 <210> SEQ ID NO: 16
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337 <212> TYPE: DNA
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347 <400> SEQUENCE: 16
348 caaaaaaaaaa atatatat                                     18
351 <210> SEQ ID NO: 17
353 <211> LENGTH: 18
355 <212> TYPE: DNA
357 <213> ORGANISM: Artificial Sequence
361 <220> FEATURE:
363 <223> OTHER INFORMATION: Synthetic DNA
365 <400> SEQUENCE: 17
366 aaaaaaaaaa atatatat                                     18
369 <210> SEQ ID NO: 18
371 <211> LENGTH: 18
373 <212> TYPE: DNA
375 <213> ORGANISM: Artificial Sequence
379 <220> FEATURE:
381 <223> OTHER INFORMATION: Synthetic DNA
383 <400> SEQUENCE: 18
384 aagaaaaaaaaa atatatat                                     18
387 <210> SEQ ID NO: 19
389 <211> LENGTH: 18
391 <212> TYPE: DNA
393 <213> ORGANISM: Artificial Sequence
397 <220> FEATURE:
399 <223> OTHER INFORMATION: Synthetic DNA
401 <400> SEQUENCE: 19
402 agaaaaaaaaa atatatat                                     18
405 <210> SEQ ID NO: 20
407 <211> LENGTH: 18
409 <212> TYPE: DNA
411 <213> ORGANISM: Artificial Sequence
415 <220> FEATURE:
417 <223> OTHER INFORMATION: Synthetic DNA
419 <400> SEQUENCE: 20
420 gaaaaaaaaa atatatat                                     18
423 <210> SEQ ID NO: 21
425 <211> LENGTH: 20
427 <212> TYPE: DNA
429 <213> ORGANISM: Artificial Sequence
433 <220> FEATURE:
435 <223> OTHER INFORMATION: Synthetic DNA
437 <400> SEQUENCE: 21
438 tatatatata tttttggggg                                     20
441 <210> SEQ ID NO: 22

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TIME: 09:24:06

Input Set : A:\pto.da.txt

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445 <212> TYPE: DNA
447 <213> ORGANISM: Artificial Sequence
451 <220> FEATURE:
453 <223> OTHER INFORMATION: Synthetic DNA
455 <400> SEQUENCE: 22
456 tatatatata ttttttgggg 20
459 <210> SEQ ID NO: 23
461 <211> LENGTH: 20
463 <212> TYPE: DNA
465 <213> ORGANISM: Artificial Sequence
469 <220> FEATURE:
471 <223> OTHER INFORMATION: Synthetic DNA
473 <400> SEQUENCE: 23
474 tatatatata ttttttgggg 20
477 <210> SEQ ID NO: 24
479 <211> LENGTH: 20
481 <212> TYPE: DNA
483 <213> ORGANISM: Artificial Sequence
487 <220> FEATURE:
489 <223> OTHER INFORMATION: Synthetic DNA
491 <400> SEQUENCE: 24
492 tatatatata ttttttttgg 20
495 <210> SEQ ID NO: 25
497 <211> LENGTH: 20
499 <212> TYPE: DNA
501 <213> ORGANISM: Artificial Sequence
505 <220> FEATURE:
507 <223> OTHER INFORMATION: Synthetic DNA
509 <400> SEQUENCE: 25
510 tatatatata tttttttttg 20
513 <210> SEQ ID NO: 26
515 <211> LENGTH: 20
517 <212> TYPE: DNA
519 <213> ORGANISM: Artificial Sequence
523 <220> FEATURE:
525 <223> OTHER INFORMATION: Synthetic DNA
527 <400> SEQUENCE: 26
528 tatatatata tttttccccc 20
531 <210> SEQ ID NO: 27
533 <211> LENGTH: 20
535 <212> TYPE: DNA
537 <213> ORGANISM: Artificial Sequence
541 <220> FEATURE:
543 <223> OTHER INFORMATION: Synthetic DNA
545 <400> SEQUENCE: 27
546 tatatatata ttttttcccc 20
549 <210> SEQ ID NO: 28
551 <211> LENGTH: 20

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RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 06/28/2005  
PATENT APPLICATION: US/09/891,517A      TIME: 09:24:07

Input Set : A:\pto.da.txt  
Output Set: N:\CRF4\06282005\I891517A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:65; N Pos. 17

Seq#:81; N Pos. 2

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 22

**VERIFICATION SUMMARY**

DATE: 06/28/2005

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TIME: 09:24:07

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06282005\I891517A.raw

L:1241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0

L:1539 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:0